

Abstract

A children's ride-on vehicle having an electronic speed controller adapted to regulate at least one of the timing and rate of application of a selected rotational input. The vehicle includes a body with a seat, a steering mechanism
5 positioned for operation by a child to steer at least one of the vehicle's wheels, and a drive assembly with an actuator positioned for actuation by a child sitting on the seat to cause the driven rotation of at least one of the vehicle's wheels by a battery-powered motor assembly. In some embodiments, the drive assembly includes one or more user input devices that enable a child sitting on the seat to
10 select at least one of the relative speed and direction of the vehicle. The drive assembly also includes an electronic speed controller that controls electronically the transmission of a selected rotational input to the vehicle's driven wheel assembly.